Commonwealth of Massachusetts Executive Office of Health and Human Services



Health Information Technology Council September Meeting

September 9, 2013
3:30-5:00 P.M.
One Ashburton Place, 21st Floor, Boston



Agenda



Today's Agenda:

- 1. Meeting Minutes approval [5 min]
- 2. Phase 2 Design Update [25 min] Manu Tandon
- 3. Advisory Group Discussion & Updates [10 min] Micky Tripathi
- 4. Mass HIway Update
 - a) Outreach & Sales Update [15 min] Sean Kennedy
 - b) Implementation & Support Update [15 min] Manu Tandon
- 5. MeHI Program Update [10 min] Laurance Stuntz
- 6. Public Q & A and Wrap up [10 min] Manu Tandon





Discussion Item 1:

Mass HIway Phase 2 Design Update



Phase 2 overall timeline



Mass HIway Phase 2 high level project schedule

Activity	Target date
CMS approval of Phase 2 IAPD	Completed
Phase 2 contract (or change order) executed	Completed
Go-live - Public Health - Immunization Registry Node	Completed
Go-live - Public Health - Reportable Lab Results (ELR) Node	Completed
Testing - Public Health - Syndromic Surveillance Node	Completed
Testing - EOHHS – Children's Behavioral Health (CBHI) Node	Completed
Phase 2 Requirements Gathering & Validation	Completed
Phase 2 Design Approach Decision	Completed
Go-live – Opiod Treatment Program (OTP) Node	Sept 2013
Go-live – Cancer Registry Node	Dec 2013
Go-live – Lead Poisoning Prevention Program Node	March 2014
Go-live for Phase 2, Release 2 (EMPI, RLS, Consent, Provider Portal, Consumer Portal)	Oct 2013 – Mar 2014



RLS and Query-Retrieve Available through HIway Portal or Integrated in EHR



Four Query-Retrieve Methods

Data requestor Phase 2 **HIway Service** Record search: Portal or Relationship Listing **EHR-integrated** Service Record request: Portal- or EHRgenerated Record response: Directly back to requestor (ie, portal does not RECEIVE any response information)

Manual retrieve





- Find record location via portal
- Retrieve records manually (phone, fax, etc)

Cross-entity viewing



- View other EHR within own EHR or HIE Portal
- "SSO-like" access between participating systems

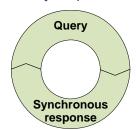
"Push-Push"

Request

- Email-like manual process
- Does not require new standards leverages Stage 2 MU

Asynchronous reply

"Query-response"

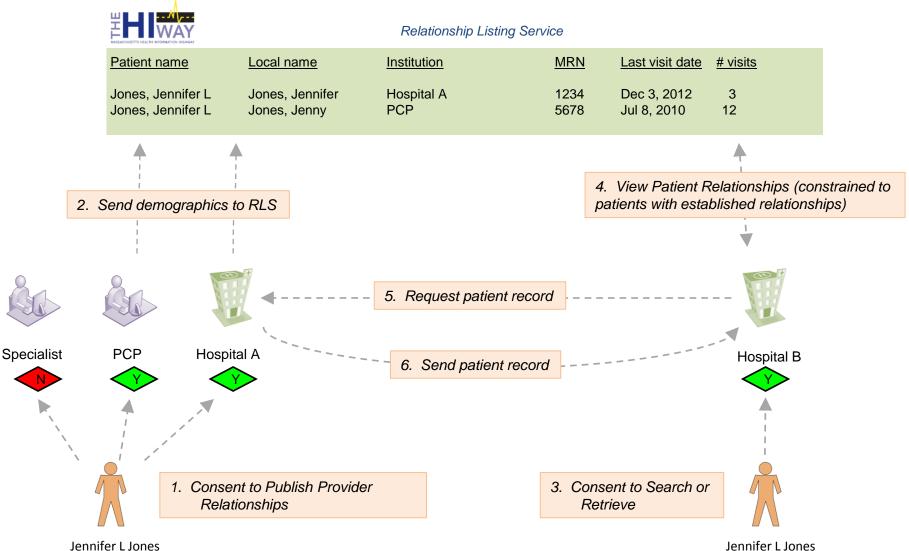


- Query with automated response
- Like electronic eligibility or RX history requests
- Requires new standards beyond Stage 2 MU



Overview of Hlway Query-Retrieve Use Patterns







HIway Provider Portal (HPP)



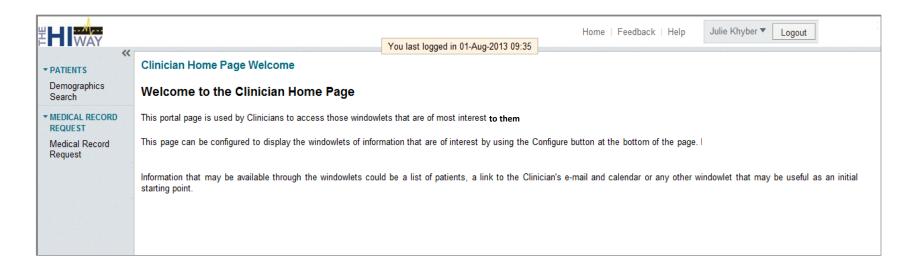
HELD WAY MASSACHUSETTS HEALTH INFORMATION HIGHWAY
Please enter your user ID and password
User ID Password Login
Mass Hlway Phase 2 DEMO Julie Khyber (Clinician) William Cod (ED Clinician) Kate Smith (PCP) Blair Gral xm (Medicaid) Ryan Librarian (Librarian) Sam Wheeler (Solution) Admin

➤ Future features to include single sign-on and launch from within EHRs (pending vendor collaboration)



Landing Page



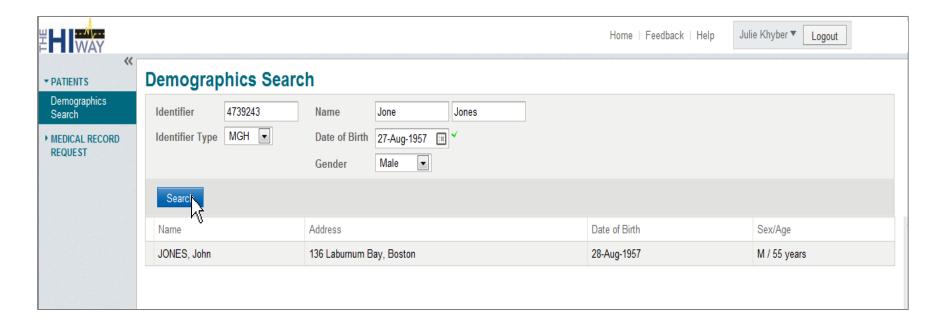


- Search for Patients on the HIway
- Request a Patient's medical record
- Area for notifications, HIway information, etc.



Search for Patient



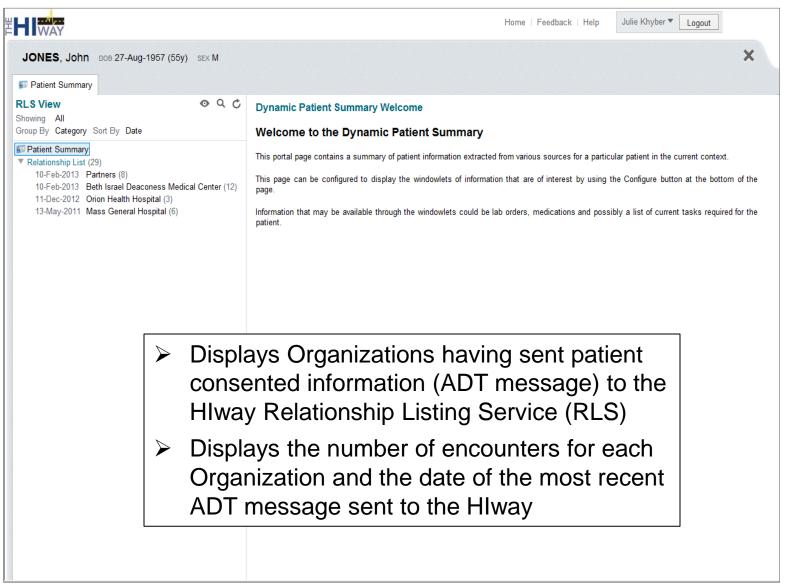


- Search by demographic data or MRN & MRN Issuing Organization
- Only direct matches returned (no "fishing" or wild card searches allowed)



Patient Relationship Summary

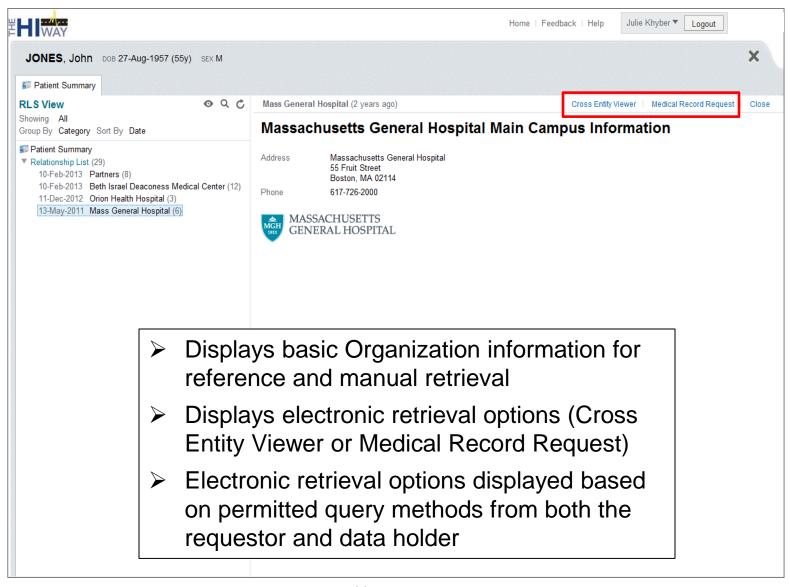






Relationship Selection

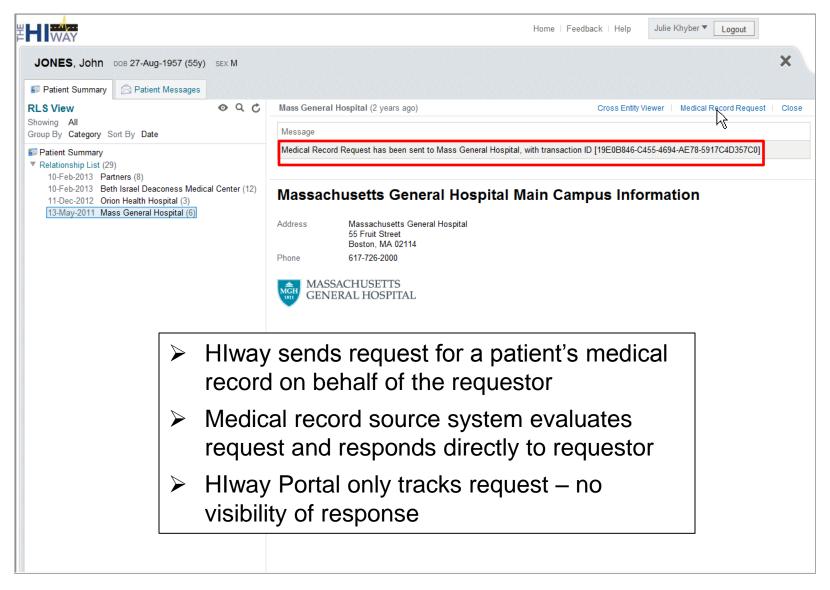






Medical Record Request

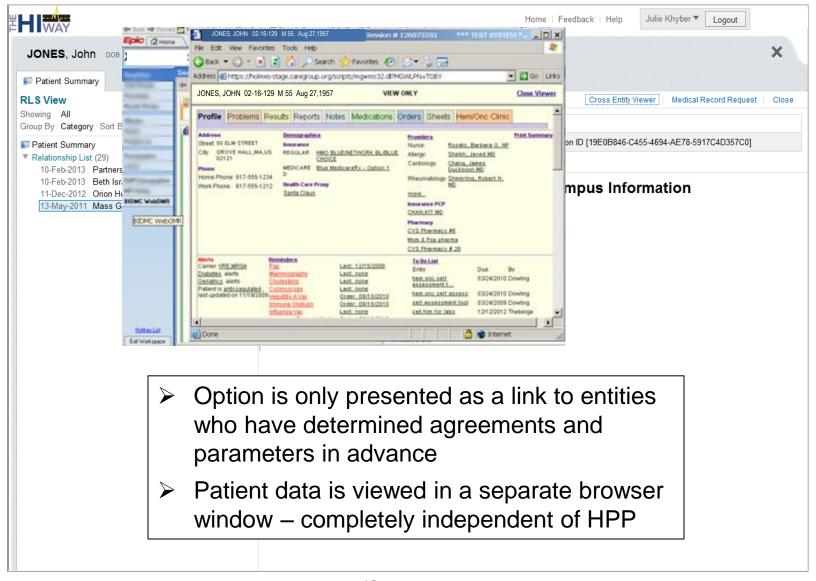






Cross Entity Viewer (aka Magic Button)









Discussion Item 2:
Advisory Group Discussion & Updates



Advisory Group Update



- The technology Advisory Group met on August 23 to review the phase 2 design and provided valuable input on how to improve query and response transactions to enhance adoption
- The Legal & Policy Advisory Group met on September 3 to review and comment on the policy framework for the Master Patient Index (MPI) and Relationship Listing Service (RLS) including what data is collected and persisted, what that data may be used for, and by whom
 - Flagged payer access as a specific issue that needs further policy development in areas such as: consent, RLS access, HIPAA prohibitions on access to cashonly services



Advisory Group Update



All 4 Advisory Groups will meet in September

- The Provider Advisory Group will meet on September 17 to review and comment on the phase 2 design
- The Legal & Policy Advisory Group will meet on September 17 to review and comment on the policy framework for phase 2 consent
 - We will also convene a smaller group of provider organizations to begin developing Phase 2 consents
- The Technology Advisory Group will meet on September 20 to review and comment on the remaining detailed phase 2 design decisions
- The Consumer Advisory Group will meet on September 25 to review and comment on the phase 2 design and the patient communication approach





Discussion Item 3:

Mass HIway Update -

Outreach & Sales Update, Implementation & Support Update



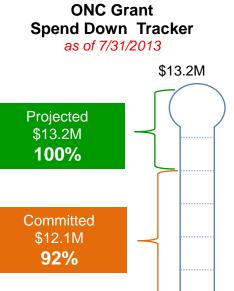
Last Mile | Scorecard Targets

CY2013	Q1	Q2	Q3	Q4	TOTAL
PAs signed	2/0	21 / 16	34 / 62	75	160
Organizations	39 / 0	7 * / 12	18 / 75	200	321
enabled for					
connection					
Vendors enabled	0/0	0/0	0/2	10	12
for connection					
ONC Grant \$	35% / 30%	44% / 46%	48** /68%	91%	91%
Spent					

Reported numbers = Actual / Planned

* Q2 - major push was to conduct the HIway grant solicitations – Implementation & Interface Grants

** Actual spent is as of 7/31/2013



Spent to Date \$6.3M **48%**





Mass HIway Use Case Workshops

Learn to develop a use case for connecting to the Massachusetts Health Information Highway (Mass Hlway) during a special workshop presented during the Massachusetts eHealth Institute Fall regional meeting series. A use case is an easy-to-understand narrative that describes how you intend to use the HIway, the Commonwealth's first and only statewide health information exchange (HIE). Use cases are developed with a goal in mind, which makes them a valuable planning tool for any healthcare organization.

The regional meetings are a half-day learning and networking event. In addition to learning the latest information on the Mass Hlway, attendees can keep up-to-date on the benefits of connected EHRs and the Massachusetts programs that support their adoption and use. The events will also feature presentations of health IT adoption success stories from area health care providers. Each event runs from 8-11:30 a.m. and will be held in the following locations:

Tewksbury | Thursday, September 12 | Register

Springfield | Thursday, September 19 | Register

Taunton | Tuesday, October 8 | Register

Boston | Tuesday, October 29 | Register

Worcester | Monday, November 4 | Register



Attend a Monthly HIway Webinar

Interested in learning about the HIway in a live online format? Attend an interactive webinar featuring Sean Kennedy, HIE director, for MeHI. The session will address the steps needed to connect to the HIway and review the options health care providers and related organizations have to get connected. Register to attend one of the following events:

October 17 | 12PM - 1PM | Register

November 14 | 12PM - 1PM | Register

December 12 | 12PM - 1PM | Register

Scheduled Outreach Events

- **Demand generation**
- **Build awareness**

HIway Regional Meetings

- HIway Overview
- Use Case Workshop

HIway Monthly Webinars

- August 22 Webinar
 - 40+ attendees







Mass Hiway Fall Forum

- Purpose
 - To support grantee success
- Audience
 - HIway Implementation Grants
 - Grantees
 - Collaborators

Objectives

- Communicate solutions & emerging best practices for largest barriers
- Accelerate milestone achievement
- Facilitate statewide collaboration

You Are Invited!

Join fellow Mass HIway grantees and collaborators to learn and network at our *invitation-only* Mass HIway Fall Forum. Topics will include important Mass HIway updates from a program, state and national level, policy approaches, technical discussions, best practices, feedback sessions and more. Your participation will help further support your grant success.

Program Highlights

- · Program Updates: The HIway Where are we now? Where are we going?
- Grantee Showcase: Progress, Best Practices & Lessons Learned
- · Interact with Massachusetts Health IT Leaders
- Q & A Discussion
- · Networking Opportunities

A formal agenda will be published at a later date.

Register now by September 20, 2013

Details

Date: Thursday, October 10 Program: 9:00am - 5:00pm Breakfast: 8:00am - 9:00am Reception: 5:00pm - 6:00pm

Location: The Westin Waltham

70 Third Avenue Waltham, MA 02451

Contact

For questions on the Mass HIway Fall Forum, please contact Brett Campbell at 508.870.0312 x 226 or by e-mail at campbell@masstech.org.

We look forward to seeing you in Waltham!



Driving Directions





Program Evaluation

Outreach

- Objectives
 - Per PIN 002, comply with ONC State HIE Grant requirements
 - Check compliance did we do what we said we would do
 - Gain feedback for improvement
- Scope
 - Mass HIway
 - Last Mile Program
 - Formative efforts & Governance
 - Technical environment (only to the extent necessary to establish context)
 - Challenge Grants
 - IMPACT Program
 - MDPHnet
- Timeframe > September 9 February 7, 2014
- What we need from you?
 - Evaluator may request interviews from HIT-C members



Sampling of other efforts

Outreach

Item	Description	Status
Provider Engagement Program	A program designed to educate providers on the HIway	In-progress
Provider Toolkit	A toolkit that arms organizations with basic HIway information so they may directly educate their community	To be shared at Fall Forum
HIway Services Summary	A polished 'white-paper-type' document that provides a broad overview of the HIway – services, connection options, path to connection	To be shared at Fall Forum
HIway Implementation Grant Summary	A refined summary of each grant; intended for healthcare professionals and the press	Complete
Path Forward for one Implementation Grantee	Milford Regional Medical Center to share their plans to connect to the HIway	Scheduled for next HIT-C meeting





August Activity

Moved to Production (Actively Exchanging Patient data)

Went Live (Connected, but not exchanging data)

- 1. Beaumont Rehab and Skilled Nursing
- 2. Brockton Neighborhood Health Center
- 3. Pediatric Care Associates
- 4. Jessica Foley, LMHC
- 5. Notre Dame Long Term Care
- 6. Millbury Health Care Center
- 7 22. Holyoke HM Connect HIE
 - Holyoke Medical Center
 - Western Massachusetts Physicians Associates (29 providers)
 - Holyoke Medical Center Specialties (12 providers)
 - 12 Individual, independent practices

- 1. Partners Healthcare
- 2. Atrius Health
- 3. Boston Children's Hospital
- 4. Metrowest Medical Center Vanguard
- 5. St. Vincent Hospital Vanguard
- 6. Heywood Hospital
- 7. Care Tenders
- 8. Medway Country Manor
- 9. CMIPA Dr. Sunita Godiwal
- 10. CMIPA Dr. George Abraham
- 11. Milford Regional
- 12. Holy Trinity Nursing and Rehab
- 13. Greg Harris

Cumulative HIway Connections



Total Orgs in Production = 28 Total Orgs Live = 13 Total Orgs on the HIway = 41





New Participation Agreement executed in August (EOHHS Channel)

- 1. Jordan Hospital (MEDITECH program)
- 2. Shawsheen Medical Associates (MIIS)
- 3. Seven Hills Behavioral Health (OTP Program)
- 4. Addiction Treatment NE (OTP Program)
- 5. HabitOpCo (OTP)
- 6. SSTAR (OTP Program)

Outreach

- 7. Highpoint Treatment (OTP Program)
- 8. AdCare Hospital and Clinics (MIIS)
- 9. Women's Health Associates (MIIS)

Major Clients slated for September/October Testing:

- 1. PVIX/Baystate
- 2. Atrius (MIIS)
- 3. Holyoke (MIIS)

Outreach



- Transactions exchanged for August 2013 97,058
- Cumulative transactions to date 1,446,634
- Testing in progress between MEDITECH platforms and HIway
 - 31 individual sites will connect to the HIway in 3 primary means (a) as an Individual organization (e.g. Jordan Hospital); (b) through an HIE (such as PVIX, Holyoke, eLINC); (c) through a parent organization (such as Partners)





- The following vendors have requested to connect to the HIway as a HISP:
 - 1. Surescripts
 - 2. eCW

Outreach

- 3. EPIC
- 4. Allscripts
- 5. Aprima
- 6. KeyHIE Transform

- 7. eLINC
- 8. ClaimTrak Systems
- 9. eHana
- 10. McKesson
- 11. MEDfx Corporation
- Our intent is to implement a single technical solution to solve for HISP connection
 - MA HIway and Vendor HISP will agree to trust and exchange anchor certificates
 - HISP client will need to execute a MA Participation Agreement to be "authorized" to travel on the HIway from the HISP
 - HISP customer will be listed in a "white list" or be designated as a trading partner in the MA HIway directory
- Legal agreements, Operations Support and Pricing Model implications will need to be addressed to support HISPs
- Mass HIway website going live on September 15th





Discussion Item 4: MeHI Program Update

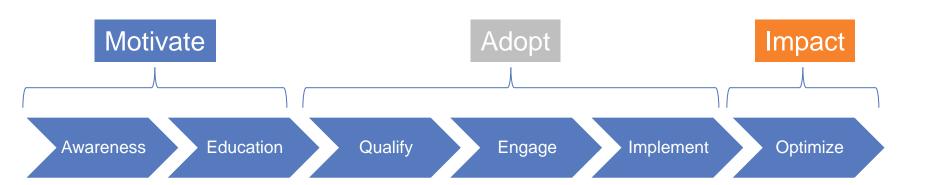
MeHI Activities Update for the HIT Council

September 2013





MeHI Program Updates



Communications

- Webinar Series
- Regional Meeting Series
- HIway Newsletter

EU-US Conference

October 22-23

Regional Extension Center

- Recruiting a few new providers
- No-cost extension available
- Security/Privacy, HIE Last Mile, MBI Linkage

Medicaid EHR Incentive Program

- Processing 2013 MU applications
- Working with MassHealth to transition outreach activities

HIE Last Mile Program

- HIway Implementation Grants
- HIway Vendor Grants
- Program Evaluation

eHealth Economic Development

- eHealth Firm Listing (>100 firms in MA)
- Workforce Planning



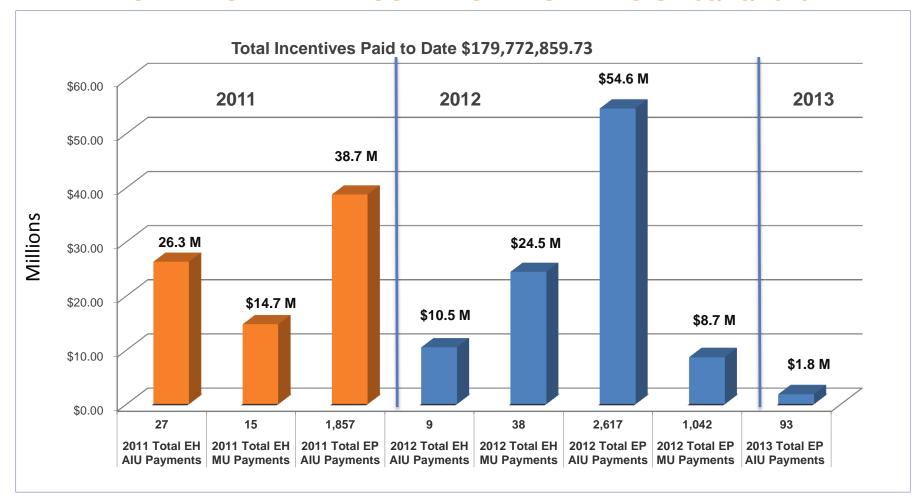
MeHI Key "Other" Activities

- Provider EHR Database
 - Understand status of every provider in the state in adopting EHR technology
 - Potential BORIM Licensure Support
- Provider and Consumer Research Project
 - What additional support is needed by providers
 - How do consumers feel about Health IT
 - Incorporating other agencies HHS, CHIA, HPC in guiding the questions and validating the survey design



Medicaid EHR Incentive Program Payment Metrics

TOTAL INCENTIVE AMOUNT DISTRIBUTED AS OF 08/20/2013



To date:

5,698: EHR payments distributed --- 30 payments currently going through financial cycle

Totaling: 5,728 EHR Incentive processed for payment --58: 2012 apps remaining for payment







Regional Extension Center Metrics

Participating PPCPs Enrolled: 2,452

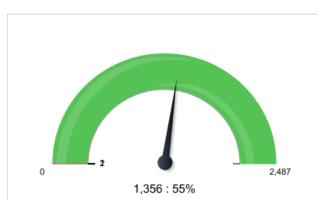
Go-Live

Participating PPCPs @ M2: 2,240 ΜU

Participating PPCPs @ M3:







1,356

CMS Registration

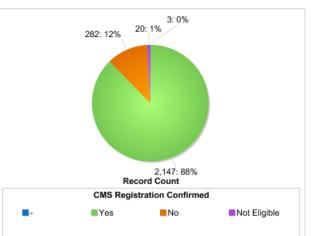
Sign-Up

Number of Providers Registered with CMS in MA: 15,628 Go-live Grant Credits Achieved

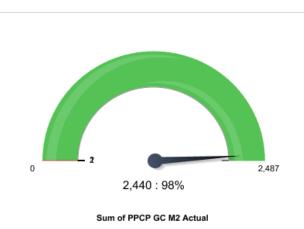
2,440

of MA Go-live Grant Credits: Note: This metric includes those providers who are no longer enrolled in

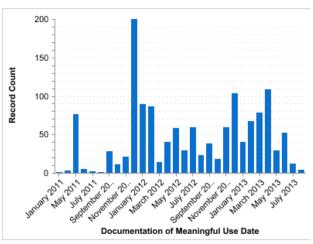
CMS Registration Status for REC Providers



Go-live Grant Credits Achieved



Meaningful Use Achievement by Month





Communications Metrics

WEBINAR SERIES ATTENDANCE

DATE	TOPIC	AT/REG
7/31	Medicaid Hospitals	10/18 . 56%
7/17	Medicaid Patient Volume	48/75 > 64%
7/24	Audits	15/29 > 51%
6/26	Medicaid Reg & Attestation	27/45 > 60%
6/12	New Medicaid Eligible	22/35 > 63%
6/5	Hlway Vendor Grants	19/28 > 68%
5/29	Hlway Vendor Grants	23/29 > 80%
5/8	REC Funding	10/12> 83%
5/1	Stage 2	46/59> 78%
4/17	REC Funding	11/13> 85%
3/27	Imp Grants	42/62> 65%
3/21	Imp Grants	31/41> 76%
3/19	Imp Grants	16/22> 73%

Regional Meetings

- September 12 Tewksbury
- September 19 Springfield
- October 8 Taunton
- October 29 Boston
- November 4 Worcester

Location	Health IT Success Story	Registered to Date	Hlway Use Case Workshop Registration	Medicaid Workshop
Tewksbury	Lawrence General Hospital	30	16	10
Springfield	Baystate & Holyoke	37	22	12
Taunton	Brockton Health Center	14	9	4
Boston	Hebrew Life	31	21	6
Worcester	Reliant Medical	18	13	3
Last Update Friday, Aug 30		130	81	35



Physician Licensure Support

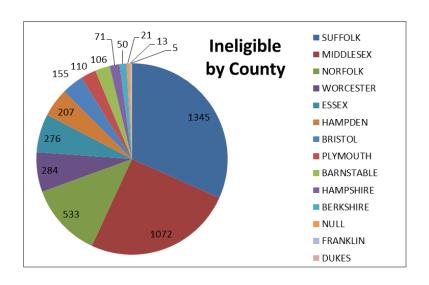
BORIM Registry (May 2013)			
Licensees	Full	Limited	Total Active
In State	27,300	500	27,800
Out of State	5,100	0	5,100
No Address	1,200	3,900	5,100
Totals	33,600	4,400	38,000

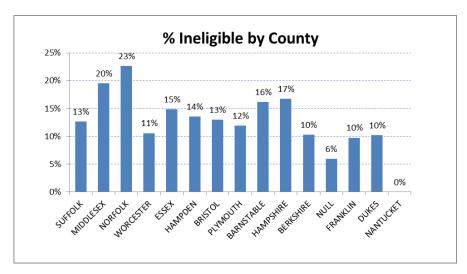
- In state licensees (full license)
 - Estimated eligible for a Meaningful Use Certification Program ~15,500
 - Estimated Ineligible for a Certification Program

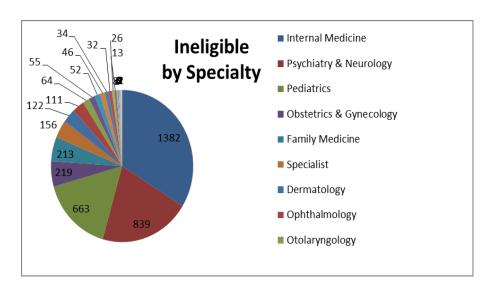
 Hospital-based specialties 	~4,900
 Internal medicine 	~1,700
 Pediatricians and OB\GYNs 	~2,200
 Psychiatry & Neurology 	~900
 Other Specialties 	~2,100
• Total	~11,800

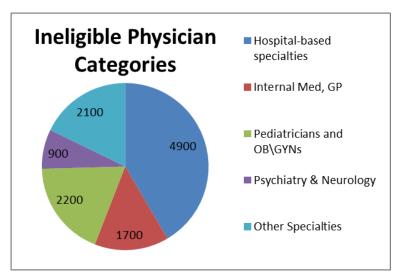


Physicians Not Eligible for Meaningful Use Incentives











n=11,800 estimated ineligible physicians





Discussion Item 5: Public Q & A and Wrap up



Public Q & A







HIT Council meeting schedule



HIT Council 2013 Meeting Schedule*:

- January 14 11th Floor Matta Conference Room
- February 4 11th Floor Matta Conference Room
- March 13 11th Floor Matta Conference Room
- April 8 21st Floor Conference Room
- May 6 21st Floor Conference Room
- June 3 21st Floor Conference Room
- July 1 21st Floor Conference Room
- August 5 21st Floor Conference Room
- September 9 21st Floor Conference Room
- October 7
- November 11
- December 9

^{*}All meetings to be held from 3:30-5:00 pm at One Ashburton Place, 21st Floor, Boston, unless otherwise noted



Wrap up



Next HIT Council Meeting: October 7, 2013 **Preliminary Agenda:**

- Customer Implementation Updates
- Advisory Group Update/Discussion
 - Discussion Topics?
- Mass HIway Update